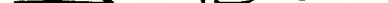


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				Application Number	10/722,613
				Filing Date	November 26, 2003
				First Named Inventor	Aizenberg et al.
				Art Unit	2811
				Examiner Name	
Sheet	1	of	5	Attorney Docket Number	100.2496

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code ² (if known)			
SW	1	US- 5,192,580	03/09/1993	Blanchet-Fincher	427/596
SW	2	US- 5,288,528	02/22/1994	Blanchet-Fincher	427/596
SW	3	US- 5,347,144	09/13/1994	Garnier et al.	257/40
	4	US- 5,523,192	06/04/1996	Blanchet-Fincher	430/200
	5	US- 5,563,019	10/08/1996	Blanchet-Fincher	430/200
	6	US- 5,625,199	04/29/1997	Baumbach et al.	257/40
	7	US- 5,766,819	06/16/1998	Blanchet-Fincher	430/201
	8	US- 5,840,463	11/24/1998	Blanchet-Fincher	430/201
	9	US- 5,981,970	11/09/1999	Dimitrakopoulos et al.	257/40
	10	US- 6,051,318	04/18/2000	Kwon	428/413
	11	US- 6,143,451	11/07/2000	Blanchet-Fincher	430/11
	12	US- 6,146,792	11/14/2000	Blanchet-Fincher et al.	430/7
	13	US- 6,174,651	01/16/2001	Thakur	430/327
	14	US- 6,265,243	07/24/2001	Katz et al.	438/99
	15	US- 6,352,811	03/05/2002	Patel et al.	430/270.1
	16	US- 6,352,812	03/05/2002	Shimazu et al.	430/273.1
	17	US- 6,403,397	06/11/2002	Katz	438/99
	18	US- 6,551,717	04/22/2003	Katz et al.	438/447
SW	19	US- 2002/0149315 A1	10/17/2002	Blanchet-Fincher	513/504
SW	20	US- 10/256,885	09/27/2002	Bao et al.	257/40

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			Application Number	10/722,613	
			Filing Date	November 26, 2003	
			First Named Inventor	Alzenberg et al.	
			Art Unit	2811	
Examiner Name					
Sheet	2		5	Attorney Docket Number	100.2496

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code ² (if known)			
<i>Sum</i>	21	US- 10/669,780	09/24/2003	Bao	
<i>Sum</i>	22	US- 60/505,533	09/24/2003	Meth	
<i>Sum</i>	23	US- 60/505,880	09/24/2003	Meth et al.	
<i>Sum</i>	24	US- 10/671,303	09/24/2003	Bao et al.	
<i>Sum</i>	25	US- 10/701,183	11/04/2003	Akkerman et al.	
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FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	† ⁶
		Country Code ³ - Number ⁴ - Kind Code ⁵ (if known)				
<i>Sum</i>	26	WO 01/87634 A2	11/22/2001	E.I. du Pont de Nemours and Company		
<i>Sum</i>	27	WO 02/08801 A1	01/31/2002	E.I. du Pont de Nemours and Company		
<i>Sum</i>	28	WO 02/092352 A1	11/21/2002	E.I. du Pont de Nemours and Company		

Examiner Signature	<i>Sum Rums</i>	Date Considered	1-18-2005
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		Application Number	10/22,613	
		Filing Date	November 26, 2003	
		First Named Inventor	Aizenberg et al.	
		Art Unit	2811	
		Examiner Name		
Sheet	3	5	Attorney Docket Number	100.2496

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
See	29	AFZALI ET AL., High-Performance, Solution-Processed Organic Thin Film Transistors from a Novel Pentacene Precursor, J. Am. Chem. Soc., 2002, Page(s) 8812-8813, Volume 124	
See	30	AFZALI ET AL., Synthesis and Application of Pentacene Precursor in OTFT, Publisher: IBM Research Division, Published in: Yorktown Heights, NY	
See	31	AIZENBERG ET AL., Control of Crystal Nucleation by Patterned Self-Assembled Monolayers, Nature, April 8, 1999, Page(s) 495-498, Volume 398	
See	32	AIZENBERG ET AL., Oriented Growth of Calcite Controlled by Self-Assembled Monolayers of Functionalized Alkanethiols Supported on Gold and Silver, J. Am. Chem. Soc., 1999, Page(s) 4500-4509, Volume 121	
See	33	AKIMICHI ET AL., Field-Effect Transistors Using Alkyl Substituted Oligothiophenes, Appl. Phys. Lett., 1991, Page(s) 1500-1502, Volume 58, Number 14	
See	34	BUTKO ET AL., Limit of Field Effect Mobility on Pentacene Single Crystal, Publisher: Los Alamos National Laboratory, Published in: Los Alamos, New Mexico	
See	35	CAI ET AL., Self Assembly in Ultrahigh Vacuum: Growth of Organic Thin Films with a Stable In-Plane Directional Order, J. Am. Chem. Soc., 1998, Page(s) 8563-8564, Volume 120	
See	36	COLLET ET AL., High Anisotropic Conductivity in Organic Insulator/Semiconductor Monolayer Heterostructure, Applied Physics Letters, 3/6/2000, Page(s) 1339-1341, Volume 76, Number 10, Publisher: American Institute of Physics	
See	37	COLLET ET AL., Low-Voltage, 30 nm Channel Length, Organic Transistors with a Self-Assembled Monolayer as Gate Insulating Films, Applied Physics Letters, April 3, 2000, Page(s) 1941-1943, Volume 76, Number 14	
See	38	COLLET ET AL., Nano-field Effect Transistor with an Organic Self-Assembled Monolayer as Gate Insulator, Applied Physics Letters, November 2, 1998, Page(s) 2681-2683, Volume 73, Number 18	
See	39	DE BOER ET AL., Synthesis and Characterization of Conjugated Mono- and Dithiol Oligomers and Characterization of Their Self-Assembled Monolayers, Langmuir, 2003, Page(s) 4272-4284, Volume 19	
See	40	ECHAVARREN ET AL., J. Am. Chem. Soc., 1987, Page(s) 5478-5486, Volume 109	

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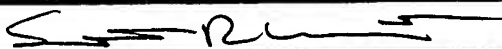
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INFORMATION DISCLOSURE STATEMENT BY APPLICANT		Application Number	10/722,613
		Filing Date	November 26, 2003
		First Named Inventor	Alzenberg et al.
		Art Unit	2811
		Examiner Name	
(Use as many sheets as necessary)		Attorney Docket Number	100.2496
Sheet	4	5	

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
Sum	41	FORREST, Ultrathin Organic Films Grown by Organic Molecular Beam Deposition and Related Techniques, Chem. Rev., Page(s) 1793-1896, Volume 97, Publisher: American Chemical Society	
Sum	42	HALIK ET AL., High-Mobility Organic Thin-Film Transistors Based on a, a'-didecyloligothiophenes, Journal of Applied Physics, March 1, 2003, Page(s) 2977-2981, Volume 93, Number 5	
Sum	43	HAN ET AL., Effect of Magnesium Ions on Oriented Growth of Calcite on Carboxylic Acid Functionalized Self-Assembled Monolayer, J. Am. Chem. Soc., 2003, Page(s) 4032-4033, Volume 125	
Sum	44	HAN ET AL., Face-Selective Nucleation of Calcite on Self-Assembled Monolayers of Alkanethiols: Effect of the Parity of the Alkyl Chain, Angew. Chem. Int. Ed., 2003, Page(s) 3668-3670, Volume 42	
Sum	45	HONG ET AL., Thiophene-Phenylene and Thiophene-Thiazole Oligomeric Semiconductors with High Field-Effect Transistor On/Off Ratios, Chem. Mater., 2001, Page(s) 4686-4691, Volume 13, Number 12	
Sum	46	JOHNSTON ET AL., Low-Energy Vibrational Modes in Phenylene Oligomers Studied by THz Time-Domain Spectroscopy, Chemical Physics Letters, 2003, Page(s) 256-262, Volume 377	
Sum	47	KATZ ET AL., Synthesis, Solubility, and Field-Effect Mobility of Elongated and Oxa-substituted a,w-Dialkyl Thiophene Oligomers: Extension of 'Polar Intermediate' Synthetic Strategy and Solution Deposition on Transistor Substrates, Chem. Mater., 1998, Page(s) 633-638, Volume 10, Number 2	
Sum	48	KLAUK ET AL., High-Mobility Polymer Gate Dielectric Pentacene Thin Film Transistors, Journal of Applied Physics, November 1, 2002, Page(s) 5259-5263, Volume 92, Number 9	
Sum	49	KLAUK ET AL., Pentacene Organic Thin-Film Transistors and ICs, Solid State Technology, March 2000, Page(s) 63-76, Volume 43, Number 3	
Sum	50	LI ET AL., Field-Effect Transistors Based on Thiophene Hexamer Analogues with Diminished Electron Donor Strength, Chem. Mater., 1999, Page(s) 458-465, Volume 11, Number 2	
Sum	51	MATTERS ET AL., Organic Field-Effect Transistors and All-Polymer Integrated Circuits, Optical Materials, 1999, Page(s) 189-197, Volume 12	
Sum	52	MEYER ZU HERINGDORF ET AL., Growth Dynamics of Pentacene Thin Films, Nature, August 2, 2001, Page(s) 517-520, Volume 412	
Sum	53	MUSHRUSH ET AL., Easily Processable Phenylene-Thiophene-Based Organic Field-Effect Transistors and Solution-Fabricated Nonvolatile Transistor Memory Elements, J. Am. Chem. Soc., 2003, Page(s) 9414-9423, Volume 125, Number 31	

Examiner Signature		Date Considered	1-18-2005
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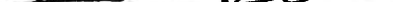
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